8808-35-17

**NUS CORPORATION AND SUBSIDIARIES** — **TELECON NOTE**

| CONTROL NO: | DATE: | TIME: |
|---|---|---|
| F3-8808-35 | 10/25/88 | 13:30 |

ORIGINAL (Red)

**DISTRIBUTION:**

HBC BARGE INC

| BETWEEN: | OF: | PHONE: |
|---|---|---|
| [redacted] | Redstone Water Co | (412) 938-9164 |

**AND:** [redacted] NUS FIT 3

**DISCUSSION:**

REDSTONE WATER SERVES Crescent Heights, Walkertown, AND DAISYTOWN utilizing A SPRING LOCATED IN HOOD'S HOLLOW APPROXIMATELY ~~4~~ 6 miles NORTH of Crescent Heights. THEY HAVE 288 SERVICE CONNECTIONS. No backup supply. Water is CHLORINATED prior to DISTRIBUTION.

DS 10/25/88

**ACTION ITEMS:**

NUS 067 REVISED 0685

#F08-35-11

**Recon/SI Tracking Form**

ORIGINAL
(Red)
10-10-88
Date

Site Name HBC BARGE INC

TDD No. F3-8808-35

Dump Site No. PA-494

Section Supervisor [redacted]

Site Leader [redacted]

Recon Field Work Date 9-22-88

Recon Findings: NO leachate seeps noted from dump area. Area was well covered with no exposed waste. Brownsville Water has an intake approximately ½ mile downstream. They reported no problems with contamination. Drums that were deposited in the dump were empty, but may have had some paint residue. They were crushed before being put in dump. DER has found that no hazardous materials are buried at site. An HRS score of 26.9 was attained for the site.

SIO [redacted] Date Contacted 10-11-88

Telecon Notes:

I ADVISED MARIA OF THE RECON FINDINGS AND THE HRS SCORE. She suggested I RUN A SCORE NEGATING the people on wells across the Monongahela. The new SCORE was 24.5. A JOINT DECISION WAS REACHED Following CONSULTATION THAT NO FURTHER ACTION UNDER CERCLA should be persued. This WAS BASED ON the LACK OF GROUND WATER TARGETS, the LACK OF A VIABLE SURFACE WATER SAMPLE LOCATION due to dilution factors in the RIVER, AND the LIMITED WASTE QUANTITIES AT the SITE.

Site Inspection yes (no)

Sampling Plan Due Date _____

Recon Report Due Date 12/9/88

SI (Tentative Field Date) _____

[redacted]
Site Leader — 10/11/88 Date

[redacted]
Section Supervisor — 10/11/88 Date

Original: TDD file

Copies: T. Fromm, W. Wentworth, R. Cromer, M. Ferrebee

8808-35-15

**NUS CORPORATION AND SUBSIDIARIES** — **TELECON NOTE**

| CONTROL NO: | DATE: | TIME: |
|---|---|---|
| F3-8808-35 | 9-27-88 | 1530 |

ORIGINAL (Red)

**DISTRIBUTION:**

HBC BARGE INC

| BETWEEN: | OF: | PHONE: |
|---|---|---|
| [redacted] | EPA | (215) 597-3183 |

**AND:**

[redacted] NUS

**DISCUSSION:**

SPOKE W/ [redacted] REGARDING REZON RESULTS AND THE NEED FOR DATA FROM the TREATMENT PLANT-WATER INTAKE FOR Brownsville. I TOLD HER THAT THE WATER Company SAID they WOULD SEND US the RESULTS AND We Should HAVE them BY 9-28-88. I will CALL her BACK when I Receive them.

[redacted]
9/22/88

**ACTION ITEMS:**

NUS 067 REVISED 0685

Personal Protective Equipment

| | | Safety Plan Requirements | Level Used | If Deviations, explain |
|---|---|---|---|---|
| Activity: Site Recon photo Documentation | Respiratory Protection | D | D | None |
| | Field Dress | F | F | |
| Activity: | Respiratory Protection | | | |
| | Field Dress | | | |
| Activity: | Respiratory Protection | | | |
| | Field Dress | | | |
| Activity: | Respiratory Protection | | | |
| | Field Dress | | | |
| Activity: | Respiratory Protection | | | |
| | Field Dress | | | |

ORIGINAL (Red)

TDD No.: 8F08-35
Site Name: HBC BARGE

## MONITORING EQUIPMENT

ORIGINAL (Red)

a. HNU

- Background reading: 0.2 PPM
- Readings above background: NONE
- Location of high readings: _____
- What action was taken? _____

b. Radiation

- Readings above background? _____ Yes X No
- If yes, specify where readings were found and what action was taken.

_____

_____

c. Heat Stress/ Cold Stress

Was heat stress or cold stress monitoring performed?

_____ Yes X No

Was a monitoring/break schedule followed?

_____ Yes X No

If monitoring was not performed, or the monitoring/break schedule was not followed, please explain.

TEMPERATURE WAS BELOW the REQUIRED.

_____

d. Other Monitoring Instruments N/A

_____ Draeger Tube and Pump (specify tube) _____

What readings were found and what action was taken _____

_____

_____

_____ Explosimeter/$O_2$ meter _____

_____

_____ Air Sampling

What air sampling equipment was used? _____

_____

TDD No.: 8808-35
Site Name: HBC BARGE

ORIGINAL (Red)

The media used for sampling included:

_____ Filters (type_____)

_____ Charcoal Tubes/Silica Gel Tubes

_____ Impingers (Liquid Media _____)

_____ Other Media

The air samples taken were _____ environmental

_____ personal

The following team members wore personal sampling pumps.

| | Team member | Location of media |
|---|---|---|
| 1. | | |
| 2. | | |
| 3. | | |
| 4. | | |
| 5. | | |
| 6. | | |

TDD No.: P008-35
Site Name: HOC BARGE

## GENERAL SAFETY

a. Were any safety problems encountered while on site? NO

ORIGINAL (Red)

Explain: _____

_____

_____

_____

b. Confined Space Entry

(Confined space - a tank, vessel, silo, storage bin, hopper, vault, pit, diked area, abandoned building, manhole, or any other enclosed space with limited means of exit or entry that is not designed for continuous occupancy.)

Did any team member enter a confined space area?

____ Yes ___X___ No

If yes, please explain.

_____

_____

## Accident Report Information

| a. Did any team member report: | Yes | No |
|---|---|---|
| • Chemical Exposure | ____ | X |
| • Illness, discomfort, or unusual symptoms | ____ | X |
| • Environmental Problems (heat, cold, etc.) | ____ | X |

b. Explain:

_____

_____

_____

_____

c. Was an Employee Exposure/Injury

Incident Report completed? ____ Yes ____ No

TDD No.: 8808-35
Site Name: HBL BARGE

Safety Plan Evaluation

ORIGINAL (Red)

a. Were there any deviations from the Safety Plan? ____ Yes X No

If yes, please explain. _____

b. Was the Safety Plan adequate? X Yes ____ No

c. What changes would you recommend?

8808-35-14

**NUS CORPORATION AND SUBSIDIARIES** — **TELECON NOTE**

| CONTROL NO: | DATE: | TIME: | |
|---|---|---|---|
| F3 - 8808-35 | 9/19/88 | 1530 | ORIGINAL (Red) |

**DISTRIBUTION:**

HBC BARGE INC

| BETWEEN: | OF: | PHONE: |
|---|---|---|
| [redacted] | HBC BARGE INC | (412) 785-6100 |

**AND:** [redacted] NUS

**DISCUSSION:**

MR. DEBORD WANTED A COPY of STATE PA, THE ONE HE RECIEVED WAS NEAR UNREADABLE. I ADVISED HIM THAT I COULDN'T PROVIDE HIM WITH IT but WOULD ADVISE HIM of the CONCERNS ADDRESSED IN IT WHEN I ARRIVED FOR REGEN.

[redacted]
9/19/88

**ACTION ITEMS:**

NUS 067 REVISED 0685

8808-35-12

**NUS CORPORATION AND SUBSIDIARIES** — **TELECON NOTE**

| CONTROL NO: | DATE: | TIME: |
|---|---|---|
| F3-8808-34 | 9/14/88 | 1130 ORIGINAL (Red) |

**DISTRIBUTION:**

Anchor Hocking Corp

| BETWEEN: | OF: | PHONE: |
|---|---|---|
| [redacted] | PA DER | (412) 645-7100 |

**AND:** [redacted] NUS

**DISCUSSION:**

Told Mr. [redacted] that we will be conducting two recons on 9/21/88. One in Connellsville - Anchor Hocking Corp, and the other in Brownsville - HBC Barge, Inc.

[redacted]
9/14/88

**ACTION ITEMS:**

NUS 067 REVISED 0685

8808-35-13

**NUS CORPORATION AND SUBSIDIARIES** — **TELECON NOTE**

| CONTROL NO: | DATE: | TIME: |
|---|---|---|
| F3-8808-35 | 9/13/88 | 1405 ORIGINAL (Red) |

**DISTRIBUTION:**

HBC BARGE, INC

| BETWEEN: | OF: | PHONE: |
|---|---|---|
| [redacted] | EPA | (215) 597-3183 |

**AND:**

[redacted] NUS.

**DISCUSSION:**

ADVISED [redacted] of RECONS FOR the week of SEPT. 19, 1988. TRI-STATE ENGINEERING, ANCHOR HOCKING CORP, PLTS, HBC BARGE, INC AND ACCURATE BRASS.

[redacted]
9/13/88

**ACTION ITEMS:**

NUS 067 REVISED 0685

8808-35-02

**NUS CORPORATION AND SUBSIDIARIES** — **TELECON NOTE**

| CONTROL NO: | DATE: | TIME: |
|---|---|---|
| F3-8808-35 | 9/6/88 | 1045 |

**DISTRIBUTION:**

HBC Barge Inc.

**ORIGINAL (Red)**

| BETWEEN: | OF: | PHONE: |
|---|---|---|
| [redacted] | HBC BARGE | (412) 785-6100 |

**AND:** [redacted] NUS FIT 3

**DISCUSSION:**

Contacted Mr. Hall of HBC Barge. He said access for Sept 21 at 900 was acceptable. He will catact the company employee who handles such inspections and if he has any questions he will catact me. Dump is no longer used but material that was placed there remains.

[redacted]
9/6/88

**ACTION ITEMS:**

NUS 067 REVISED 0685

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

ORIGINAL
(Red)

**SUBJECT:** Request Assistance from FIT Office **DATE:** 4/4/88

**FROM:** Maria Malave, SIO
Site Investigation Section (3HW23) TDD # _____

**TO:** Ben Mykijewycz, FIT Regional Project Officer
Site Investigation Section (3HW23)

I. SITE NAME: HBC Barge Inc. (PA-494) DSN

II. LOCATION: Brownsville
Fayette County, PA

III. WORK ASSIGNMENT:

| | |
|---|---|
| ____ Preliminary Assessment | X Recon |
| ____ Site Inspection | ____ Re-Sampling/Full Field Investigation |
| ____ Hazard Ranking System | ____ Peer Review Corrections/Finalize |
| ____ Toxicology Assessment | ____ Other (See VI below) |
| ____ Enforcement Support | ____ |

IV. **PRIORITY:**

____ High (*) ____X Medium ____ Low

V. **PREFERRED DEADLINE:**

Date: _____

VI. **EXPLANATION OF TASK (* To include justification for high priority):**

→ Please, see if there are private home-wells in the vicinity.

→ Any problems which can be associated to this type of waste in the Brownsville Water Company

→ Rec / SI.

Please, check Paint areas, storage area and landfill areas

VII. To be completed by FIT RPO only:

Please return OA original as soon as possible

Task complete date by FIT:.....

Hours allocated:.....

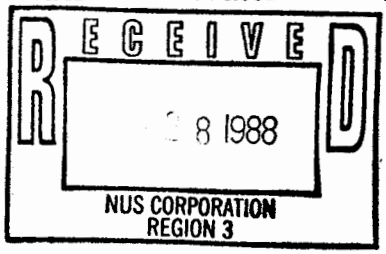
8808-35-~~06~~ 07

# Microbac Laboratories, Inc.

Schiller Division
449 Rochester Road Pittsburgh, Pennsylvania 15237-1733
412/369-4830

Air • Fuel • Water • Food • Wastes

ORIGINAL (Red)




BROWNSVILLE WATER COMPANY
P.O. Box 102
200 Bank Street
Brownsville, Penna. 15417

38-75
3-10-88
14513

Dear Sir:

Herewith are the results of the tests done on the samples received at our laboratory on 3-10-88.

SAMPLE: RAW WATER

| TESTS: (SECONDARY) | RESULTS: | |
|---|---|---|
| CHLORIDE | 4 | mg/1 |
| COLOR | <1 | units |
| COPPER | 0.02 | mg/1 |
| IRON | 2.39 | mg/1 |
| LANGLIERS INDEX | -1.77 | |
| MANGANESE | 0.45 | mg/1 |
| ODOR | 1 | T.O.N. |
| pH | 6.2 | |
| TOTAL DISSOLVED SOLIDS | 164 | mg/1 |
| SULFATE | 80 | mg/1 |
| MBAS | <0.03 | mg/1 |
| ZINC | 0.19 | mg/1 |

Respectfully

[redacted]

Lab Director

8808-35-06

INTERIOR BOW, STERN & WINGS PAINTERS INTERIORS *

# Material Safety Data Sheet
## For Coatings, Resins, and Related Materials

ORIGINAL (Red)

Manufacturer's Name: Bradley Paint Company
608 W. Crawford Ave.
Connellsville, PA 15425

Emergency Telephone No:
412/628-9100 work hours
412/628-8093 after 5 PM

Date of Preparation: 10/31/85

Information Phone No:
412/628-9100

## Section I - Product Identification

Product Number: MP-670

Product Name: #2239-A FROST PROOF GRAY

Product Class.: ALKYD PAINT

## Section II - Hazardous Ingredients

| Ingredient | CAS # | Percent | Occupational Exposure Limits TLV | Vapor Pressure |
|---|---|---|---|---|
| VM & P NAPHTHA | 64742-89-8 | 20% | 300 ppm | 15.00 mmhg @ 37.7 |
| MINERAL SPIRITS | 64742-88-7 | 25% | 100 ppm | 2.00 mmhg @ 20°C. |
| ZIRCONIUM COMPOUNDS | 7440-67-2 | <0.05% | 5 mg/m³ AS ZIRCONIUM | 1.00 mmhg @ 20°C. |
| TITANIUM DIOXIDE | 13463-67-7 | 5% | 10 mg/m³ OF TOTAL DUST | N/A |
| CALCIUM CARBONATE | 1317-65-3 | <5% | 10 mg/m³ OF TOTAL DUST | N/A |

## Section III - Physical Data

Boiling Range.....: 240°F.
Vapor Density.....: Heavier Than Air
Evaporation Rate..: Slower Than Ether
% Volatile Volume.: 64%
Wt. Per Gallon....: 9.16 LBS./GAL.

OK 6-16-88

ORIGINAL (Red)

## Section IV - Fire and Explosion Hazard Data

| | | | |
|---|---|---|---|
| Flammability Classification | OHSA.: CLASS IB<br>DOT..: FLAMMABLE | Flash Point..: | 50°F. (LOWEST COMPONENT)<br>LEL..: LOWER = 0.9% |

Extinguishing Media: Foam..[X] "Alcohol" Foam..[ ] C02..[X]
Dry Chemical..[X] Water Fog..[ ] Other..[ ]

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

Special Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires.

## Section V - Health Hazard Data

Effects of Overexposure: EYES - Can cause servere irriatation, redness, tearing, blurred vision. SKIN - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. BREATHING - Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. SWALLOWING - Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Medical Conditions Prone To Aggravation By Exposure: High vapor concentrations (greater than approximatley 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic, and may have other central nervous system effects.

Primary Route(s) Of Entry: Dermal(SKIN) - Inhalation

Emergency and First Aid Procedures: Thoroughly wash exposed area with soap and water, flush eyes with large amounts of water. If swallowed do not induce vomiting, keep person warm and quiet. If inhaled remove person to fresh air, seek medical attention.

## Section VI - Reactivity Data

Stability: Stable

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: None

Conditions To Avoid: Keep from fire, sparks, or ignition sources.

Incompatibility (Materials To Avoid): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

ORIGINAL (Red)

## Section VII - Spill or Leak Procedures

teps to Be Taken In Case Material Is Released or Spilled: Keep people away. Add sand, earth or other suitable absorbent to spill area. Keep product out of sewers and watercourses by diking. Advise authorities if product has entered or may enter sewers or waterways.
Waste Disposal Method: Consult local authorities as product is considered a hazardous material and may be subject to disposal restrictions. Do not wash into sewers. Do not exhaust dusts into the air. Keep waste rags in a labeled safety container - do not incinerate. Disposal must be in accordance with state, local and federal regulations.

## Section VIII - Safe Handling and Use Information

Respiratory Protection: NIOSH approved respiratory protection must be used in accordance with existing standards and must be worn if TLV is exceeded.
Ventilation: Provide greater than 60 feet per minute hood face velocity.

rotective Gloves: Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Other Protective Equipment: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could esult in prolonged or repeated skin contact.

Hygienic Practices: Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water.

## Section IV - Special Precautions

Precautions To Be Taken In Handling and Storing: Containers or this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Other Precautions: The information accumulated herein is believed to be accurate but is not warranted to be whether originating with Bradley Paint Co. or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

### HMIS RATING

| | |
|---|---|
| HEALTH.....: | 1 |
| FLAMMABILITY.....: | 3 |
| REACTIVITY.....: | 0 |
| PERSONAL PROTECTION.: | G |

Painters Shell & Coating

ORIGINAL (Red)

# Material Safety Data Sheet
## For Coatings, Resins, and Related Materials

Manufacturer's Name: Bradley Paint Company
608 W. Crawford Ave.
Connellsville, PA 15425

Emergency Telephone No:
412/628-9100 work hours
412/628-8093 after 5 PM

Date of Preparation: 10/22/85

Information Phone No:
412/628-9100

## Section I - Product Identification

Product Number: ME-098

Product Name: #1082 RED BARGE PAINT

Product Class.: ALKYD SEMI-GLOSS PAINT

## Section II - Hazardous Ingredients

| Ingredient | CAS # | Percent | Occupational Exposure Limits TLV | Vapor Pressure |
|---|---|---|---|---|
| MINERAL SPIRITS | 64742-88-7 | 40% | 100 ppm | 2.00 mmhg @ 20°C. |
| CALCIUM CARBONATE | 1317-65-3 | 10% | 10 mg/m³ OF TOTAL DUST | N/A |
| ZIRCONIUM COMPOUND | 7440-67-2 | <0.5% | 5 mg/m³ AS ZIRCONIUM | 1.00 mmhg @ 20°C. |

OK 6-18-86

## Section III - Physical Data

Boiling Range.....: 300°F.
Vapor Density.....: Heavier Than Air
Evaporation Rate..: Slower Than Ether
% Volatile Volume.: 62.7%
Wt. Per Gallon....: 9.73LBS./GAL.

ORIGINAL (Red)

## Section IV - Fire and Explosion Hazard Data

Flammability Classification — OHSA.: CLASS II; DOT..: COMBUSTIBLE

Flash Point..: 100°F. (LOWEST COMPONENT)
LEL..: LOWER = 1.0%

Extinguishing Media: Foam..[X] "Alcohol" Foam..[ ] C02..[X]
Dry Chemical..[X] Water Fog..[ ] Other..[ ]

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

Special Firefighting Procedures: Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode when fighting fires.

## Section V - Health Hazard Data

Effects of Overexposure: EYES - Can cause servere irriatation, redness, tearing, blurred vision. SKIN - Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis. BREATHING - Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache, possible unconsciousness, and even asphyxiation. SWALLOWING - Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

Medical Conditions Prone To Aggravation By Exposure: High vapor concentrations (greater than approximatley 1000 ppm) are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic, and may have other central nervous system effects.

Primary Route(s) Of Entry: Dermal(SKIN) - Inhalation

Emergency and First Aid Procedures: Thoroughly wash exposed area with soap and water, flush eyes with large amounts of water. If swallowed do not induce vomiting, keep person warm and quiet. If inhaled remove person to fresh air, seek medical attention.

## Section VI - Reactivity Data

Stability: Stable

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: None

Conditions To Avoid: Keep from fire, sparks, or ignition sources.

Incompatibility (Materials To Avoid): Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

ORIGINAL
(Red)

## Section VII - Spill or Leak Procedures

Steps to Be Taken In Case Material Is Released or Spilled: Keep people away. Add sand, earth or other suitable absorbent to spill area. Keep product out of sewers and watercourses by diking. Advise authorities if product has entered or may enter sewers or waterways.
Waste Disposal Method: Consult local authorities as product is considered a hazardous material and may be subject to disposal restrictions. Do not wash into sewers. Do not exhaust dusts into the air. Keep waste rags in a labeled safety container - do not incinerate. Disposal must be in accordance with state, local and federal regulations.

## Section VIII - Safe Handling and Use Information

Respiratory Protection: NIOSH approved respiratory protection must be used in accordance with existing standards and must be worn if TLV is exceeded.
Ventilation: Provide greater than 60 feet per minute hood face velocity.

Protective Gloves: Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Other Protective Equipment: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

Hygienic Practices: Remove contaminated clothing; launder or dry-clean before reuse. Wash thoroughly with soap and water.

## Section IV - Special Precautions

Precautions To Be Taken In Handling and Storing: Containers or this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Other Precautions: The information accumulated herein is believed to be accurate but is not warranted to be whether originating with Bradley Paint Co. or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

### HMIS RATING

| | |
|---|---|
| HEALTH..... | 1 |
| FLAMMABILITY..... | 2 |
| REACTIVITY..... | 0 |
| PERSONAL PROTECTION. | G |

72-62-7825-01

# MATERIAL SAFETY DATA SHEET (PAINTERS)

Ashland Petroleum Company
DIVISION OF ASHLAND OIL, INC.
P. O. BOX 391 • ASHLAND, KENTUCKY 41101 • (606) 329-3333
24-HOUR EMERGENCY TELEPHONE (606) 324-1133

OK 10/24/85

Ashland®

ORIGINAL (Red)

000583 TECTYL 400C-WD

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

**********

PRODUCT NAME: TECTYL 400C-WD

HBC BARGE INC

PO BOX 510

BROWNSVILLE PA 15417

ATTN: PLANT MGR / SAFETY DIR.

DB 70 000 0841638-000
DATA SHEET NO: 0028880-001
LATEST REVISION DATE: 02/84-84048
PRODUCT: 50010142
INVOICE: 050540
INVOICE DATE: 07/01/85
TO:
FAYETTE COUNTY
BROWNSVILLE PA 15417

## SECTION I-PRODUCT IDENTIFICATION

GENERAL OR GENERIC ID: PETROLEUM BASED RUST PREVENTATIVE

HAZARD CLASSIFICATION: (??) COMBUSTIBLE (173.115)

## SECTION II-HAZARDOUS COMPONENTS

| INGREDIENT | PERCENT | PEL | TLV | | * |
|---|---|---|---|---|---|
| ALIPHATIC PETROLEUM DISTILLATES<br>CAS #: 64742-88-7 | 30-60 | 500 | 100 | PPM | ( 1) |
| ETHYLENE GLYCOL MONOBUTYL ETHER<br>CAS #: 111-76-2 | 1-10 | 50 | 25 | PPM - SKIN | ( 2) |

( 1): NIOSH RECOMMENDS A LIMIT OF 350 MG/CUM - 8 HOUR TIME WEIGHTED AVERAGE, 1800 MG/CUM AS DETERMINED BY A 15 MINUTE SAMPLE.

( 2): SKIN ABSORPTION MAY POTENTIALLY CONTRIBUTE TO THE OVERALL EXPOSURE TO THIS MATERIAL. APPROPRIATE MEASURES SHOULD BE TAKEN TO PREVENT ABSORPTION SO THAT THE TLV IS NOT INVALIDATED.

## SECTION III-PHYSICAL DATA

| PROPERTY | REFINEMENT | MEASUREMENT |
|---|---|---|
| INITIAL BOILING POINT | FOR COMPONENT(30-60 %) | 300.00 DEG F<br>( 148.88 DEG C)<br>@ 760.00 MMHG |
| VAPOR PRESSURE | FOR COMPONENT(30-60 %) | 2.00 MMHG<br>@ 68.00 DEG F<br>( 20.00 DEG C) |
| VAPOR DENSITY | | HEAVIER THAN AIR |
| SPECIFIC GRAVITY | | LESS THAN WATER |
| PERCENT VOLATILES | | 30-60 % |
| EVAPORATION RATE | | SLOWER THAN ETHER |

## SECTION IV-FIRE AND EXPLOSION DATA

FLASH POINT 100-200 DEG F
(38-94 DEG C)

EXPLOSIVE LIMIT (LOWEST VALUE OF COMPONENT) LOWER - 1.0%

EXTINGUISHING MEDIA: REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS:, CARBON DIOXIDE AND CARBON MONOXIDE., VARIOUS HYDROCARBONS, ETC., SULFUR COMPOUNDS, CALCIUM OXIDE

SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.

UNUSUAL FIRE & EXPLOSION HAZARDS: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

## SECTION V-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: FOR COMPONENT

EYES - CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION.
SKIN - PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS.
BREATHING - EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, POSSIBLE UNCONSCIOUSNESS, AND EVEN ASPHYXIATION.
SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS.

OK 6-16-88

MATERIAL SAFETY DATA SHEET

Ashland Petroleum Company
DIVISION OF ASHLAND OIL, INC.
P.O. BOX 391 • ASHLAND, KENTUCKY 41101 • (606) 329-3333

24-HOUR EMERGENCY TELEPHONE (606) 324-1133

000583 TECTYL 400C-WD ORIGINAL (Red) 2

## SECTION V-HEALTH HAZARD DATA (CONTINUED)

FIRST AID:

IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDER CONTAMINATED CLOTHING BEFORE RE-USE.

IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.

IF SWALLOWED: DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

IF BREATHED: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION.

## SECTION VI-REACTIVITY DATA

HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATABILITY: AVOID CONTACT WITH:, STRONG OXIDIZING AGENTS.

## SECTION VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND TRANSFER TO HOOD.

LARGE SPILL: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES, INCLUDING PILOT LIGHTS, ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS. PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS, NOTIFY PROPER AUTHORITIES AS REQUIRED, THAT A SPILL HAS OCCURRED.

WASTE DISPOSAL METHOD:

SMALL SPILL: ALLOW VOLATILE PORTION TO EVAPORATE IN HOOD. ALLOW SUFFICIENT TIME FOR VAPORS TO COMPLETELY CLEAR HOOD DUCT WORK. DESTROY REMAINING MATERIAL BY BURNING IN AN IRON PAN.

LARGE SPILL: DESTROY BY LIQUID INCINERATION. CONTAMINATED ABSORBENT MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

## SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED

RESPIRATORY PROTECTION: IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS:, NEOPRENE, NITRILE RUBBER

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE ADVISED, HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

OTHER PROTECTIVE EQUIPMENT: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

## SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS

CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS DATASHEET MUST BE OBSERVED.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH ASHLAND OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.